

DECLARATION AND POWER OF ATTORNEY
(Attorney Docket No. 112020.122)

As below-named inventors, we hereby declare that:

Our residence, post office address and citizenship is as stated below next to our name.

We believe that we are an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ELECTROMECHANICAL MEMORY ARRAY USING NANOTUBE
RIBBONS AND METHOD FOR MAKING SAME**

the specification of which (check only one):

- ☒ [X] is attached hereto.
- ☐ [] was filed as United States Patent Application
Serial No. _____
on _____
and was amended
on _____
(if applicable)
- ☐ [] was filed as PCT Patent Application
Serial No. _____
on _____
and was amended under PCT Article 19
on _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, Sections 1.56(a) and 1.56(b).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by us on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

EXPRESS MAIL LABEL NO. 92538 101 593 US
DATE OF DEPOSIT 7-25-01

Attorney Docket No. 112020.122

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS
UNDER 35 U.S.C. §119(a)-(d) or 365(b):**

COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. §119(a)- (b) or 365(b) (YES/NO)
--	---------------------------	-----------------------	---

We hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional patent application(s) listed below:

APPLICATION NUMBER	DATE OF FILING	STATUS: (PENDING OR ABANDONED)
---------------------------	-----------------------	---

We hereby claim the benefit under Title 35, United States Code, § 120 or 365(c) of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATION OR PCT INTERNATIONAL APPLICATION(S)
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120 or 365(c):**

APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS: (PATENTED, PENDING OR ABANDONED)
---------------------------	--	---

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith

Michael J. Bevilacqua	Reg. No. 31,091
James B. Lampert	Reg. No. 24,564
Wayne M. Kennard	Reg. No. 30,271
Hollie L. Baker	Reg. No. 31,321
Wayne A. Keown	Reg. No. 33,923
Donald R. Steinberg	Reg. No. 37,241
Michael A. Diener	Reg. No. 37,122
Richard A. Goldenberg	Reg. No. 38,895
Peter M. Dichiaro	Reg. No. 38,005
Ann-Louise Kerner	Reg. No. 33,523
Colleen Superko	Reg. No. 39,850
Keum J. Park	Reg. No. 42,059
Jason A. Reyes	Reg. No. 41,513

Attorney Docket No. 112020.122

Rajesh Vallabh	Reg. No. 35,761
Ayla A. Lari	Reg. No. 43,739
Janice M. Klunder	Reg. No. 41,121
Nancy Chiu	Reg. No. 43,545
Henry N. Wixon	Reg. No. 32,073
Joseph F. Haag	Reg. No. 42,612
Wendy A. Haller	Reg. No. 35,177
David L. Cavanaugh	Reg. No. 36,476
David J. Cervený	Reg. No. 44,600
Gregory S. Discher	Reg. No. 42,488
Irah H. Donner	Reg. No. 35,120
Edward D. Grieff	Reg. No. 38,898
Anthony Kahng	Reg. No. 42,704
Cynthia K. Nicholson	Reg. No. 36,880
Gary A. Walpert	Reg. No. 26,098

the mailing address and telephone number of each of whom is HALE AND DORR LLP, 60 State Street, Boston, Massachusetts 02109 and (617) 526-6000, with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence To

**Peter M. Dichiara
Hale and Dorr LLP
60 State Street
Boston, MA 02109**

Direct Telephone Calls To

**Peter M. Dichiara
(617) 526-6466**

Wherefore we petition that letters patent be granted to us for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements

Attorney Docket No. 112020.122

were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Brent M. Segal, Ph.D.

Inventor's signature _____ Date _____

Country of Citizenship: United States

Residence: 89 Jerome Street
Medford, MA 02155

Post Office Address: 89 Jerome Street
Medford, MA 02155

Full name of joint inventor: Darren K. Brock, Ph.D.

Inventor's signature _____ Date _____

Country of Citizenship: United States

Residence: 94 Nob Hill Drive
Elmsford, NY 10523

Post Office Address: 94 Nob Hill Drive
Elmsford, NY 10523

Full name of joint inventor: Thomas Rueckes, Ph.D.

Inventor's signature _____ Date _____

Country of Citizenship: Germany

Residence: 839 Belmont Street
Watertown, MA 02472

Post Office Address: 839 Belmont Street
Watertown, MA 02472